

LISTING OF THE CLAIMS:

This listing of claims replaces all prior versions, and listings, of claims in the application:

1: (Currently Amended) A method for at least partially compensating luminance of an emissive display comprising:

having a desired luminance, as a function of time, for one or more organic light emitting diodes (OLEDs) included in said emissive display;

estimating the amount of degradation of ~~the OLEDs one or more organic light emitting diodes (OLEDs) included in said emissive display;~~ and

~~adjusting the luminance of said one or more OLEDs based, at least in part, upon said estimate;~~

~~wherein adjusting comprises adjusting the luminance so that said luminance remains substantially constant substantially independent of the amount of degradation of said one or more OLEDs~~

utilizing, at least in part, the estimated amount of degradation, attempting to adjust (adjusting) the luminance of the OLEDs to the desired luminance.

2: (Cancelled)

3: (Previously Presented) The method of claim 1, wherein estimating includes estimating a characteristic substantially correlated with said degradation.

1 4: (Original) The method of claim 3, wherein said estimating includes measuring the voltage
2 across said one or more OLEDs at a substantially constant current flow through said one or more
3 OLEDs.

1 5: (Previously Presented) The method of claim 1, wherein measuring said voltage across said
2 one or more organic light emitting diodes (OLEDs) includes measuring the reverse bias
3 resistance of said one or more OLEDs.

1 6: (Previously Presented) The method of claim 1, wherein adjusting includes adjusting the
2 amount of electrical energy applied to said one or more organic light emitting diodes (OLEDs).

1 7: (Original) The method of claim 6, wherein adjusting includes increasing the voltage applied
2 across said one or more OLEDs.

1 8: (Original) The method of claim 7, wherein increasing includes utilization of a lookup table.

1 9: (Original) The method of claim 8, wherein said lookup table includes values such that the
2 luminance of said one or more organic light emitting diodes (OLEDs) achieved by the
3 adjustment essentially decreases over time.

1 10: (Previously Presented) The method of claim 1, wherein said method further comprises
2 adjusting the luminance of said one or more organic light emitting diodes (OLEDs) based, at
3 least in part, upon estimating the amount of degradation of one or more other organic light
4 emitting diodes (OLEDs).

1 11: (Currently Amended) An apparatus comprising:

2 one or more organic light emitting diodes (OLEDs);

3 a measurement circuit **capable of estimating the amount of degradation of the**

4 **OLEDs**; and

5 a control system **having a having a desired luminance, as a function of time, for the**

6 **OLEDs**;

7 wherein ~~said OLEDs, said measurement circuit and said control system are coupled~~
8 ~~so that, during operation, said measurement circuit, estimates the amount of degradation~~
9 ~~of said one or more OLEDs and said control system adjusts the luminance of said OLEDs,~~
10 ~~based at least in part upon said estimated degradation; and~~

11 ~~— wherein said control system is capable of adjusting the luminance so that said~~
12 ~~luminance remains substantially constant substantially independent of the amount of~~
13 ~~degradation of said one or more OLEDs~~ **the control system is capable of, utilizing at least**
14 **in part the estimated amount of degradation, attempting to adjust (adjusting) the**
15 **luminance of the OLEDs to the desired luminance.**

1 12: (cancelled).

1 13: (Previously Presented) The apparatus of claim 11, wherein the estimation of the amount of
2 degradation, made by said measurement circuit, includes an estimation of a characteristic
3 substantially correlated with said degradation.

1 14: (Original) The apparatus of claim 13, wherein said measurement circuit is capable of
2 measuring the reverse bias resistance of said one or more organic light emitting diodes (OLEDs)
3 operating at a substantially constant current.

1 15: (Previously Presented) The apparatus of claim 11, wherein said control system is capable of
2 adjusting said luminance of said one or more organic light emitting diodes (OLEDs) by adjusting
3 the substantially instantaneous current through said OLEDs.

1 16: (Previously Presented) The apparatus of claim 11, wherein said control system comprises a
2 series of data that correlates a desired luminance with the estimated degradation of said one or
3 more OLEDs.

1 17: (Original) The apparatus of claim 16, wherein said control system utilizes said series of data
2 to adjust the luminance of said one or more OLEDs.

1 18: (Original) The apparatus of claim 17, wherein said control system comprises a series of data
2 that correlates a desired luminance with the estimated degradation of said one or more OLEDs

3 such that said desired luminance decreases as said estimated degradation of said one or more
4 OLEDs increases.

1 19: (Previously Presented) The apparatus of claim 11, wherein said control system includes a
2 storage medium having a plurality of machine accessible instructions, wherein, when said
3 instructions are executed by said control system, the instructions provide for
4 utilizing a signal from said measuring circuit;
5 estimating a desired luminance for said OLEDs; and
6 adjusting the current applied to said OLEDs based at least in part upon said signal.

Claims 20 – 29: (Withdrawn).